

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/052080

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03K23/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, IBM-TDB, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 270 191 A (PHILIPS ELECTRONIC ASSOCIATED ; PHILIPS NV (NL)) 8 June 1988 (1988-06-08)	1
Y	the whole document	3
A		2,4
X	PATENT ABSTRACTS OF JAPAN vol. 005, no. 015 (E-043), 29 January 1981 (1981-01-29) & JP 55 145439 A (TOSHIBA CORP), 13 November 1980 (1980-11-13)	1
Y	abstract; figures 9-11	3
A		2,4
X	DE 35 46 132 A (ANT NACHRICHTENTECH) 2 July 1987 (1987-07-02)	1
A	column 2, lines 41-54; figures 3,4	2-4

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

7 February 2005

Date of mailing of the international search report

18/02/2005

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0270191	A	08-06-1988	GB 2198603 A EP 0270191 A2 JP 63301624 A US 4845727 A	15-06-1988 08-06-1988 08-12-1988 04-07-1989
JP 55145439	A	13-11-1980	NONE	
DE 3546132	A	02-07-1987	DE 3546132 A1 EP 0226754 A2	02-07-1987 01-07-1987